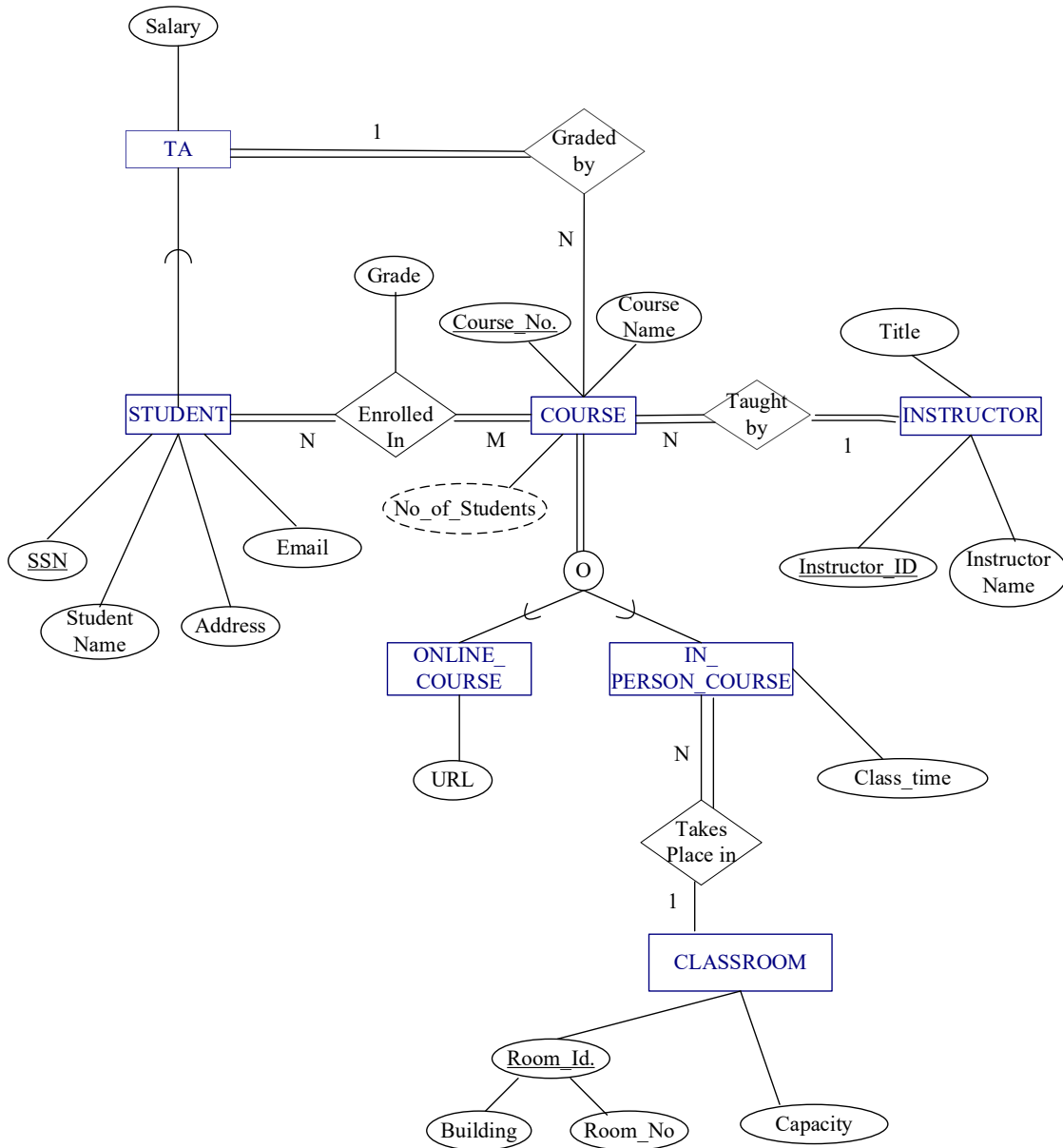


CSC 174 Fall 2023
Assignment 2

Map the given EER into the relational model. There are three options for mapping a specialization. Please use the option of “Option1: Create a table for each class (both superclass and subclass)”. Please include all the relations and views (if there is any).

All assignments' submissions in this course must be typed and submitted electronically through Canvas. You must submit a PDF file. Files in another format will not be accepted.

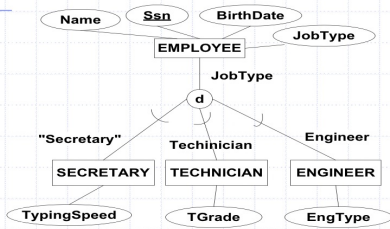


CSC 174 Fall 2023

Assignment 2

Class Hierarchy

- 1. Create a table for each class



- ◆ This option works for any specialization (total or partial, disjoint or overlapping)
- ◆ Create a table for each class
- ◆ Create a view for each subclass

STUDENT(SSN, StudentName, Address, Email)

TA(TASSN, StudentName, Address, Email, Salary)

EnrolledIn(SSN, Course_No, Grade)

COURSE(Course_No, CourseName, No_of_Students, TASSN, Instructor_ID)

ONLINE_COURSE(Course_No, CourseName, URL)

IN_PERSON_COURSE(Course_No, CourseName, Class_time, Building, Room_No)

CLASSROOM(Room_Id, Building, Room_No, Capacity)

INSTRUCTOR(Instructor_ID, Title, InstructorName)

